

## Recovery Plan Action Status

**Plan Name:** Recovery Plan *Cornutia obovata* and *Daphnopsis hellerana* (2 spp.)

**Plan Status:** Final

**Plan Date:** 07-Aug-92

**Lead Agency:** USFWS

**Lead Office:** Caribbean Ecological Services Field Office

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Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Palo de nigua ( <i>Cornutia obovata</i> )	1	1	Protect privately-owned sites for <i>Cornutia obovata</i>	Not Started			Puerto Rico Department of Natural Resources, U.S. Fish and Wildlife enhancement	Other	Internal Administrative	Through conservation easement
Palo de nigua ( <i>Cornutia obovata</i> ), No common name ( <i>Daphnopsis hellerana</i> )	2	10	Evaluate seed production and dispersal mechanisms	Not Started			Universities, Puerto Rico Department of Natural Resources, U.S. Fish and Wildlife enhancement	Work type not yet selected	Species Expert	Task duration: 2-4 years
Palo de nigua ( <i>Cornutia obovata</i> ), No common name ( <i>Daphnopsis hellerana</i> )	2	11	Evaluate seed viability and germination requirements	Ongoing Current	FY 2006	FY 2011	Universities, Puerto Rico Department of Natural Resources, U.S. Fish and Wildlife enhancement	Work type not yet selected	Labor type not yet selected	Task duration 2-4 years.
Palo de nigua ( <i>Cornutia obovata</i> ), No common name ( <i>Daphnopsis hellerana</i> )	2	12	Assess requirements for seedling establishment and growth	Partially Complete	FY 2006	FY 2011	Universities, Puerto Rico Department of Natural Resources, U.S. Fish and Wildlife enhancement	Work type not yet selected	Species Expert	Task duration 2-4 years.
Palo de nigua ( <i>Cornutia obovata</i> ), No common name ( <i>Daphnopsis hellerana</i> )	2	13	Evaluate feasibility of artificial propagation	Ongoing Current	FY 2006	FY 2011	Botanical Gardens, Universities, Puerto Rico Department of Natural Resources, U.S. Fish and Wildlife enhancement	Work type not yet selected	Species Expert	Task duration: 2-4 years
Palo de nigua ( <i>Cornutia obovata</i> ), No common name ( <i>Daphnopsis hellerana</i> )	1	14	Conduct artificial propagation	Ongoing Current	FY 2006	FY 2011	Puerto Rico Department of Natural Resources, U.S. Fish and Wildlife enhancement	Work type not yet selected	Species Expert	
Palo de nigua ( <i>Cornutia obovata</i> ), No common name ( <i>Daphnopsis hellerana</i> )	2	15	Select appropriate sites for population introduction or enhancement	Ongoing Current	FY 2006	FY 2011	Universities, Puerto Rico Department of Natural Resources, U.S. Fish and Wildlife enhancement	Work type not yet selected	Labor type not yet selected	Task duration: 2-4 years

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Palo de nigua (Cornutia obovata), No common name (Daphnopsis hellerana)	2	16	Assure site protection	Ongoing Current	FY 2006	FY 2011	Puerto Rico Department of Natural Resources, U.S. Fish and Wildlife enhancement	Work type not yet selected	Internal Administrative	
Palo de nigua (Cornutia obovata), No common name (Daphnopsis hellerana)	1	17	Plant seedlings of Cornutia obovata and Daphnopsis hellerana	Ongoing Current	FY 2006	FY 2011	Universities, Puerto Rico Department of Natural Resources, U.S. Fish and Wildlife enhancement, USFWS Regional Office 4	Work type not yet selected	Species Expert	
Palo de nigua (Cornutia obovata), No common name (Daphnopsis hellerana)	2	18	Determine number of populations and individuals necessary to ensure species' stability	Not Started			Universities, Puerto Rico Department of Natural Resources, U.S. Fish and Wildlife enhancement	Work type not yet selected	Labor type not yet selected	
Palo de nigua (Cornutia obovata), No common name (Daphnopsis hellerana)	2	19	Determine what additional actions are necessary to achieve recovery goals	Not Started			Universities, Puerto Rico Department of Natural Resources, U.S. Fish and Wildlife enhancement, USFWS Regional Office 4	Work type not yet selected	Labor type not yet selected	
Palo de nigua (Cornutia obovata)	1	3	Incorporation of the protection and management of Cornutia obovata in the Rio Abajo Forest Management Plan	Not Started			Puerto Rico Department of Natural Resources, U.S. Fish and Wildlife enhancement	Work type not yet selected	Internal Technical Assistance, Species Expert	At no cost
Palo de nigua (Cornutia obovata), No common name (Daphnopsis hellerana)	1	5	Monitor all known populations	Ongoing Not Current			Puerto Rico Department of Natural Resources, U.S. Fish and Wildlife enhancement	Work type not yet selected	Contract, Graduate Student, Internal Technical Assistance	
Palo de nigua (Cornutia obovata), No common name (Daphnopsis hellerana)	1	6	Enforce existing Commonwealth and Federal endangered species regulations	Ongoing Current	Prior to FY 1995	FY 2011	U.S. Fish and Wildlife Service, Law Enforcement Division, Puerto Rico Department of Natural Resources, U.S. Fish and Wildlife enhancement, USFWS Regional Office 4	Other: Law Enforcement, Other: Regulations	Internal Administrative	One ranger half-time

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Palo de nigua (Cornutia obovata), No common name (Daphnopsis hellerana)	2	7	Continue to search for new populations	Not Started			Puerto Rico Department of Natural Resources, U.S. Fish and Wildlife enhancement, USFWS Regional Office 4	Work type not yet selected	Contract, Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert	
Palo de nigua (Cornutia obovata), No common name (Daphnopsis hellerana)	2	8	Assess habitat requirements	Not Started			Universities, Puerto Rico Department of Natural Resources, U.S. Fish and Wildlife enhancement	Work type not yet selected	Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert	Task duration: 2-4 years
Palo de nigua (Cornutia obovata), No common name (Daphnopsis hellerana)	2	9	Assess phenology and pollination mechanisms	Not Started			Universities, Puerto Rico Department of Natural Resources, U.S. Fish and Wildlife enhancement	Work type not yet selected	Contract, Graduate Student, Internal Technical Assistance, Species Expert	Task duration: 2-4 years